



Savage Services Corporation  
2025 East 5000 South  
Price, UT 84501

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Pamela Grubaugh-Littig  
Permit Supervisor  
Utah Division of Oil, Gas & Mining  
1594 West North Temple, Suite 1210  
P.O. Box 145801  
Salt Lake City, Utah 84114-5801

Re: Midterm Review  
Savage Coal Terminal  
C/007/022  
Carbon County, Utah

*Incoming*  
*C/007/0022*  
*#2759*

Dear Pam:

Enclosed are 3 copies of information requested by the Division for the mid-term review on the Savage Coal Terminal MRP. The enclosed information will address the updated land use information (map) and the requested commitments on water quality and quantity sampling due by 9/10/07. The updated reclamation cost estimate was previously submitted as a separate amendment. Additional information requested for the endangered fish recovery program and cultural resources/archeological inventory will be provided by 12/31/07, as requested.

I have also rechecked the need for the Plant Overflow Pond - Task 2706 (now withdrawn). Although final hydrologic calculations are not yet completed for the R645 re-write, it does appear that the present method of operation will require the installation of this pond. As discussed in our meeting on 8/28/07, the previous plan has been withdrawn; therefore, I will correct the previous deficiencies and resubmit the proposed plan by 10/1/07.

A C<sub>1</sub>/C<sub>2</sub> Form is also provided. If you need any additional information, please let me know.

Sincerely,

Dan W. Guy for  
Boyd Rhodes,  
Manager

cc: Jim Jensen - Savage  
Boyd Rohodes - Savage  
Pete Hess - DOGM  
File

Creative Solutions for Materials Management and Transportation Systems and Facilities

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SEP 13 2007

**DIV. OF OIL, GAS & MINING**

## APPLICATION FOR PERMIT PROCESSING

Permit Change <input checked="" type="checkbox"/>	New Permit <input type="checkbox"/>	Renewal <input type="checkbox"/>	Transfer <input type="checkbox"/>	Exploration <input type="checkbox"/>	Bond Release <input type="checkbox"/>	Permit Number: C/007/022
Title of Proposal:						Mine: Savage Coal Terminal
MID-TERM RESPONSE						Permittee: Savage Industries

Description, include reason for application and timing required to implement:

**Instructions:** If you answer yes to any of the first 8 questions (gray), submit the application to the Salt Lake Office. Otherwise, you may submit it to your reclamation

<input type="checkbox"/> Yes	<input checked="" type="checkbox"/> No	1. Change in the size of the Permit Area? _____ acres Disturbed Area? _____ acres <input type="checkbox"/> increase <input type="checkbox"/> decrease.
<input type="checkbox"/> Yes	<input checked="" type="checkbox"/> No	2. Is the application submitted as a result of a Division Order? DO # _____
<input type="checkbox"/> Yes	<input checked="" type="checkbox"/> No	3. Does application include operations outside a previously identified Cumulative Hydrologic Impact Area?
<input type="checkbox"/> Yes	<input checked="" type="checkbox"/> No	4. Does application include operations in hydrologic basins other than as currently approved?
<input type="checkbox"/> Yes	<input checked="" type="checkbox"/> No	5. Does application result from cancellation, reduction or increase of insurance or reclamation bond?
<input type="checkbox"/> Yes	<input checked="" type="checkbox"/> No	6. Does the application require or include public notice/publication?
<input type="checkbox"/> Yes	<input checked="" type="checkbox"/> No	7. Does the application require or include ownership, control, right-of-entry, or compliance information?
<input type="checkbox"/> Yes	<input checked="" type="checkbox"/> No	8. Is proposed activity within 100 feet of a public road or cemetery or 300 feet of an occupied dwelling?
<input type="checkbox"/> Yes	<input checked="" type="checkbox"/> No	9. Is the application submitted as a result of a Violation? NOV # _____
<input checked="" type="checkbox"/> Yes	<input type="checkbox"/> No	10. Is the application submitted as a result of other laws or regulations or policies? Explain: Request by Division. MID-TERM REVIEW
<input type="checkbox"/> Yes	<input checked="" type="checkbox"/> No	11. Does the application affect the surface landowner or change the post mining land use?
<input type="checkbox"/> Yes	<input checked="" type="checkbox"/> No	12. Does the application require or include underground design or mine sequence and timing? (Modification of R2P2?)
<input type="checkbox"/> Yes	<input checked="" type="checkbox"/> No	13. Does the application require or include collection and reporting of any baseline information?
<input type="checkbox"/> Yes	<input checked="" type="checkbox"/> No	14. Could the application have any effect on wildlife or vegetation outside the current disturbed area?
<input type="checkbox"/> Yes	<input checked="" type="checkbox"/> No	15. Does application require or include soil removal, storage or placement?
<input type="checkbox"/> Yes	<input checked="" type="checkbox"/> No	16. Does the application require or include vegetation monitoring, removal or revegetation activities?
<input type="checkbox"/> Yes	<input checked="" type="checkbox"/> No	17. Does the application require or include construction, modification, or removal of surface facilities?
<input type="checkbox"/> Yes	<input checked="" type="checkbox"/> No	18. Does the application require or include water monitoring, sediment or drainage control measures?
<input type="checkbox"/> Yes	<input checked="" type="checkbox"/> No	19. Does the application require or include certified designs, maps, or calculations?
<input type="checkbox"/> Yes	<input checked="" type="checkbox"/> No	20. Does the application require or include subsidence control or monitoring?
<input type="checkbox"/> Yes	<input checked="" type="checkbox"/> No	21. Have reclamation costs for bonding been provided for?
<input type="checkbox"/> Yes	<input checked="" type="checkbox"/> No	22. Does application involve a perennial stream, a stream buffer zone or discharges to a stream?
<input type="checkbox"/> Yes	<input checked="" type="checkbox"/> No	23. Does the application affect permits issued by other agencies or permits issued to other entities?

**X Attach 3 complete copies of the application.**

I hereby certify that I am a responsible official of the applicant and that the information contained in this application is true and correct to the best of my information and belief in all respects with the laws of Utah in reference to commitments, undertakings, and obligations, herein.

Signed - Name - Position - Date

Subscribed and sworn to before me this 10 day of Sept, 2007

Terri L. Allred  
Notary Public  
My Commission Expires: 7-26, 2010  
Attest: STATE OF UTAH  
COUNTY OF CARSON



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DIV. OF OIL, GAS &amp; MINING

ASSIGNED TRACKING NUMBER



## DIV. OF OIL, GAS & MINING

Once the monitoring wells are installed they will be monitored on a quarterly basis for a minimum of 2 years. After 2 years, if no unusual variations or impacts are noted, the monitoring will be reduced to bi-annual during the 2<sup>nd</sup> and 4<sup>th</sup> quarters of each year.

Once the wells are completed, and monitoring starts the monthly monitoring of the French Drain will be replaced by the bi-annual monitoring as it was previously. The monthly monitoring of Pond 5 will be eliminated at this time.

The ground water wells will be designated S-1-GW for the NE well nearest the pumphouse, and S-2-GW for the well south of Pond 5 (See Plate 7-1).

A grab sample and flow (or depth from surface) measurement will be taken bi-annually from the French Drain. Samples will be taken during the 2<sup>nd</sup> and 4<sup>th</sup> Quarter of each year. Quarterly grab samples will be taken from the monitoring wells. Samples will be analyzed per Figure 7-15.

Field measurement of pH, specific conductivity and temperature will be recorded along with the static water level, the date, time, station location, sampling method description, and listing of sample containers including volume and preservative method.

Savage Services Corporation will sample water quality and quantity according to federal and state water quality standards, and to submit that information to the DOGM Water Quality Database prior to the first day of the second quarter after the quarter in which the monitoring occurred.

Post-mining monitoring will be conducted as described in Section 7.2.8.2 of this M.R.P.

Station CV-1-W is located in the pumphouse and represents the French Drain water as well as any recirculated water from Pond #6. This station is also monitored on a bi-annual basis.

Bi-Annual sampling will be conducted during the 2<sup>nd</sup> and 4<sup>th</sup> Quarters of each year.

#### 7.2.6 Surface Water Monitoring Plan

The surface water monitoring plan has been re-evaluated based on the proposed re-start of the wash plant, and the rewritten PHC in Appendix 7-5. The French Drain (CV-1-W) is sampled per the groundwater monitoring in Section 7.1.6; however, it is also discussed under this section since it may contain recirculated runoff water from Pond #6. The surface water monitoring plan will remain as described in the following portion of this section.

Station CV-1-W, located in the pumphouse, will be monitored bi-annually. Station CV-14-W, located at the NE corner of the property, will also be monitored bi-annually. As indicated above, bi-annual sampling will be conducted during the 2<sup>nd</sup> and 4<sup>th</sup> Quarter of each year. Station CV-15-W, located at the outlet of Sediment Pond #6, will be monitored on a monthly basis in accordance with the UPDES Permit. UPDES Discharge Reports are submitted to the Utah Department of Environmental Quality on a monthly basis. Water monitoring locations are shown on Plate 7-1.

Savage Services Corporation will sample water quality and quantity according to federal and state water quality standards, and to submit that information to the DOGM Water Quality Database prior to the first day of the second quarter after the quarter in which the monitoring occurred.

